



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 5 485 517 A (GRAY ) 16 January 1996 (1996-01-16)	15,16 , 19,22-26	H04M1/02 E05F1/12
A	* column 3, line 57 - column 4, line 37 *  * column 5, line 50 - column 9, line 50; figures 1-11 *	1-3, 12-14, 27-31  ---	
X	WO 01 15331 A (BEQUIR KEVIN) 1 March 2001 (2001-03-01)	22-26	
A	* page 4, line 9 - page 5, line 27; figures 1-9 *	15,19	
X	GB 2 351 201 A (MOTOROLA INC) 20 December 2000 (2000-12-20)	22-26	
	* page 11, line 3 - page 15, line 10; figures 2-6 *		
A	US 5 850 612 A (TIDWELL ET AL) 15 December 1998 (1998-12-15)	15,19 , 22-26	
	* column 6, line 8 - column 15, line 40; figures 1-20 *		
A	WO 02 33205 A (YIM BAEK JONG) 25 April 2002 (2002-04-25)	1-3	H04M E05F
	* page 3, line 15 - page 4, line 25; figures 2,3 *		
A	US 2 516 935 A (WEAVER WILLIAM H) 1 August 1950 (1950-08-01)	1-3	
	* the whole document *		
E	WO 02 082783 A (MOTOROLA INC) 17 October 2002 (2002-10-17)	15,19 , 22-26	
	* page 4, line 5 - page 11, line 3; figures 1-4 *		
	-----		
The present search report has been drawn up for all claims			
3	Place of search	Date of completion of the search	Examiner
	THE HAGUE	5 February 2003	DeLangue, P
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons  & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 42 5474

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

05-02-2003

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5485517	A	16-01-1996	NONE			
WO 0115331	A	01-03-2001	WO	0115331 A1		01-03-2001
GB 2351201	A	20-12-2000	US	6009336 A		28-12-1999
			CN	1170329 A ,B		14-01-1998
			DE	19726602 A1		29-01-1998
			GB	2315186 A ,B		21-01-1998
			JP	10098561 A		14-04-1998
US 5850612	A	15-12-1998	AU	726359 B2		02-11-2000
			AU	7388396 A		28-04-1997
			BR	9612627 A		29-06-1999
			CA	2233841 A1		10-04-1997
			EP	0853828 A1		22-07-1998
			JP	11513548 T		16-11-1999
			WO	9713290 A1		10-04-1997
WO 0233205	A	25-04-2002	WO	0233205 A1		25-04-2002
US 2516935	A	01-08-1950	NONE			
WO 02082783	A	17-10-2002	WO	02082783 A2		17-10-2002